

ABSTRACT

An apparatus and a method for involuntary-reflectory exercises for therapeutic effect on patient's extremities comprising a container and massaging elements in the form of spherical bodies with projections manufactured as stimulants of extremity sensory endings of different modality are disclosed. The method includes placement of patient's extremity into the above-indicated container and driving into motion the massaging elements. The projections of the massaging elements provide multiple stimulation of external and/or internal surface of the extremity placed into the container.

Technical result consists in a multiple reproduction for therapeutic purpose of involuntary reflectory movements of extremities, which are natural (physiologically significant). The invention allows for restoration of voluntary movements in patients with cerebral palsy through training the physiologic mechanism of conjugated inhibition of the muscles-antagonists functioning in involuntary reflectory movement of extremity.